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(dead adj1 sea) or masada	966

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L2: Entry 26 of 26

File: USPT

Oct 21, 1997

DOCUMENT-IDENTIFIER: US 5679360 A

TITLE: Substance P antagonist for the treatment of lichens, prurigo, pruritus

Current US Original Classification (1):424/401Other Reference Publication (18):

Alexander A. Fisher, "Irritant Reactions from Topical Urea Preparations Used for Dry Skin Advantages of a Urea-Free `Dead Sea Salt` Cream", Current Contact News, vol. 18, pp761-772 (1976).

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File: USPT

May 12, 1998

DOCUMENT-IDENTIFIER: US 5750124 A

** See image for Certificate of Correction **

TITLE: W/O/W emulsions

Brief Summary Text (94):

Potassium chloride, sodium chloride, magnesium sulphate, zinc sulphate and mixtures thereof are particularly preferred. Salt mixtures such as occur in the naturally occurring salt from the Dead Sea are likewise advantageous.

Current US Original Classification (1):424/401[Previous Doc](#) [Next Doc](#) [Go to Doc#](#)

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L1: Entry 24 of 82

File: USPT

Mar 6, 2001

DOCUMENT-IDENTIFIER: US 6197317 B1

TITLE: Composition and method for the treatment of skin

Brief Summary Text (10):

There is disclosed herein a composition for the treatment of skin. The composition is based upon alpha amino acids and has a pH in the range of 0.5 to 5. Some of the preferred acids comprise alpha amino dicarboxylic acids, with aspartic and glutamic acid being some particularly preferred acids. In particular embodiments of the invention, the compositions further include a strong acid which functions to solubilize the alpha amino acid, and the composition may further include a basic material for the purpose of adjusting the pH to the preferred range of 0.5 to 5. The compositions of the present invention may also include ascorbic acid as well as inorganic salts, which most preferably comprise a mixture of salts obtained from the Dead Sea.

Brief Summary Text (18):

The amino acids of the present invention are disposed in a carrier, which in the simplest case comprises water. In other instances, water or alcohol based lotions as well as creams, ointments, gels and other such pharmaceutically acceptable carriers may be utilized. As is known in the art, carriers may further include fragrances, emollients, coloring agents, preservatives, and the like.

Brief Summary Text (25):

Yet other auxiliary ingredients may be employed in the compositions of the present invention. For example, the compositions may be formulated into a cream, gel or lotion base, using any pharmaceutically acceptable carrier. In some instances, the compositions may be formulated into a peel-off mask by employing a film forming carrier such as polyvinyl alcohol or an inorganic, mud pack type carrier such as a clay-based material. As is known in the art, colorings, fragrances, preservatives and the like may be similarly included in the compositions of the present invention.

Detailed Description Text (10):

Yet other compositions can be prepared in accord with the present invention. As discussed above, other alpha amino acids, such as glutamic acid, may be advantageously employed. Still other additives, such as mineral salts, may be employed in the compositions. One particularly preferred group of mineral salts comprises minerals of the type found in the Dead Sea, or synthetic equivalents thereof. These minerals include mixtures of salts of Group I and Group II elements. Most specifically, such Dead Sea minerals comprise mixtures of carbonates, bicarbonates, halides and sulfates of potassium, magnesium, calcium and sodium. Salts, in an amount of up to 5% by weight of the composition, may be advantageously included therein. In some instances, in which a strong acid is used to solubilize the amino acid, the salts themselves may function as bases for the neutralization of excess acid.

Detailed Description Text (12):

The amino acid compositions of the present invention may be disposed in a variety of pharmaceutically acceptable carriers such as lotions, gels and the like as described hereinabove. In accord with yet another aspect of the present invention,

it has been found that a carrier base may be advantageously prepared from a mixture of ascorbic acid and mineral salts, most preferably Dead Sea mineral salts as described hereinabove. In addition, the base may include urea. The base solubilizes and stabilizes the compositions of the present invention. While the base may be advantageously employed with the amino acid derived compositions of the present invention, it may also be employed with other dermatological compositions such as compositions based upon hydroxy acids, retinoids, inorganic materials and the like.

Detailed Description Text (13) :

The base of the present invention further includes a vehicle, which in the simplest case may comprise water, or the vehicle may comprise lotion, cream, gel or ointment. It has been found that the ascorbic acid and salt interact to produce a smooth, oily composition which readily coats the skin and carries the remaining components of the composition. While not wishing to be bound by speculation, the inventor theorizes that the ascorbic acid and/or the salts interact with one another, and possibly chelate the amino acid or other carboxylic acid to stabilize it and moderate its effects. Urea is one further ingredient which has been found beneficial in the base composition. The urea may be derived from the amino acid based composition itself or may be added in addition. The urea functions as a skin moisturizer and softener and facilitates penetration of various components of the composition into the skin.

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File: JPAB

Apr 23, 1996

DOCUMENT-IDENTIFIER: JP 08104607 A

TITLE: COSMETICAbstract Text (1):

PURPOSE: To obtain a cosmetic capable of preventing the aging of the skin, making the skin beautiful, improving the texture, color, gloss, etc., of the skin and further protecting the skin from microorganisms.

Abstract Text (2):

CONSTITUTION: This cosmetic is obtained by compounding a cosmetic with the sea water obtained from the Dead Sea or the salt obtained from the water. The composition of the salt is: MgCl₂, 30.0-34.0%; KCl, 22.0-28.0%; NaCl, 12.0-18.0%; CaCl₂, 0.3-0.7%; and H₂O, 26.0-30.0%. The sea water and salt can exhibit the effect of beautifying the corneous layer of the skin, stimulating the skin function and keeping the skin in healthy conditions by recovering or improving the functions characteristic to the skin. When applied to the aged skin, they can exhibit especially remarkable effect. The compounding ratio to a cosmetic is 0.1-20wt.% in the case of the sea water and 0.02-10wt.%, preferably 0.1-5% in the case of the salt. Further, in the case of a packing agent which is applied for a certain period of time and then removed, a bathing agent which is dissolved in a large amount of hot water for bathing, etc., either of the sea water or the salt is used in the ratio of 10-99wt.%.

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